

## Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>IOWA, Southwest</b>				
<b>MONONA COUNTY --- SOLDIER [41.98, -95.78]</b>				
	07/18/07 22:15 CST		0	Thunderstorm Wind (EG 50 kt)
	07/18/07 22:15 CST		0	Source: Trained Spotter
Thunderstorm winds estimated at around 60 mph by a trained spotter downed tree limbs 2 to 3 inches in diameter across scattered locations around town.				
<b>MONONA COUNTY --- MOORHEAD [41.93, -95.87]</b>				
	07/18/07 23:10 CST		0	Thunderstorm Wind (EG 52 kt)
	07/18/07 23:10 CST		0	Source: Trained Spotter
Thunderstorm winds estimated at 60 mph downed some small tree limbs in town.				
<b>HARRISON COUNTY --- MISSOURI VLY [41.57, -95.90]</b>				
	07/18/07 23:18 CST		0	Thunderstorm Wind (EG 55 kt)
	07/18/07 23:18 CST		0	Source: Law Enforcement
Thunderstorm wind gusts estimated at over 60 mph blew down numerous tree limbs across town causing a power outage over around 1/3 of the town.				
<b>SHELBY COUNTY --- HARLAN [41.65, -95.33]</b>				
	07/18/07 23:35 CST		0	Thunderstorm Wind (EG 50 kt)
	07/18/07 23:35 CST		0	Source: Emergency Manager
Thunderstorm winds estimated at around 60 mph downed a few small trees and some 3 to 4 inch in diameter tree limbs across town.				
<b>POTTAWATTAMIE COUNTY --- OAKLAND [41.32, -95.40]</b>				
	07/18/07 23:52 CST		0	Thunderstorm Wind (EG 52 kt)
	07/18/07 23:52 CST		0	Source: Law Enforcement
Thunderstorm wind gusts estimated at 60 mph blew down a few trees in town.				
<b>Outflow from convection north of the region earlier in the day helped to push a cold front across eastern Nebraska and western Iowa during the late evening and early morning hours of July 18th and 19th. A complex of severe thunderstorms along this boundary pushed across the region. The storms produced areas of damaging winds.</b>				
<b>NEBRASKA, East</b>				
<b>THURSTON COUNTY --- 5.0 N THURSTON [42.25, -96.70]</b>				
	07/03/07 20:00 CST		0	Hail (0.75 in)
	07/03/07 20:00 CST		0	Source: Emergency Manager
Isolated thunderstorms occurred on a slow moving cold front that moved across northeast Nebraska during the evening of July 3rd.				
One report of dime size hail was received.				
<b>ANTELOPE COUNTY --- 10.0 WSW ELGIN [41.92, -98.26]</b>				
	07/08/07 18:00 CST		0	Hail (0.88 in)
	07/08/07 18:00 CST		0	Source: Public
<b>BOONE COUNTY --- 6.2 W PETERSBURG [41.85, -98.20]</b>				
	07/08/07 18:05 CST		0	Hail (0.88 in)
	07/08/07 18:05 CST		0	Source: Trained Spotter
<b>BOONE COUNTY --- 1.0 NW ALBION [41.71, -98.01]</b>				
	07/08/07 18:50 CST		0	Hail (1.00 in)
	07/08/07 18:50 CST		0	Source: Trained Spotter
<b>CUMING COUNTY --- 0.5 E BEEMER [41.93, -96.81]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/08/07 22:12 CST		0	Hail (0.88 in)
	07/08/07 22:12 CST		0	Source: Trained Spotter
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<b>COLFAX COUNTY --- 1.0 N SCHUYLER [41.46, -97.07]</b>				
	07/09/07 01:00 CST		0	Thunderstorm Wind (EG 50 kt)
	07/09/07 01:00 CST		0	Source: Newspaper
Thunderstorm winds estimated at 60 mph flattened corn north of the Schuyler area. Some hail damage was also noted in the area, but size was unknown.				
<b>Isolated severe thunderstorms occurred across northeast Nebraska along a cold front that moved across the region from mid evening on July 8th through the early morning hours of July 9th.</b>				
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<b>WAYNE COUNTY --- 5.4 SW CARROLL [42.23, -97.25]</b>				
	07/12/07 10:20 CST		0	Hail (0.75 in)
	07/12/07 10:20 CST		0	Source: Public
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<b>ANTELOPE COUNTY --- 3.1 W NELIGH [42.13, -98.09]</b>				
	07/12/07 12:05 CST		0	Thunderstorm Wind (EG 52 kt)
	07/12/07 12:05 CST		0	Source: Trained Spotter
Thunderstorm wind gusts were estimated at 60 mph by a trained spotter.				
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<b>ANTELOPE COUNTY --- 5.0 E CLEARWATER [42.17, -98.08]</b>				
	07/12/07 12:10 CST		0	Hail (0.75 in)
	07/12/07 12:10 CST		0	Source: Public
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<b>BOONE COUNTY --- 5.0 SE PETERSBURG [41.80, -98.01]</b>				
	07/12/07 13:05 CST		0	Hail (0.75 in)
	07/12/07 13:05 CST		0	Source: Public
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<b>MADISON COUNTY --- NEWMAN GROVE [41.75, -97.78]</b>				
	07/12/07 13:10 CST		0	Hail (0.75 in)
	07/12/07 13:10 CST		0	Source: Trained Spotter
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<b>PLATTE COUNTY --- 6.3 SSE ROSENBERG [41.57, -97.71]</b>				
	07/12/07 13:30 CST		0	Thunderstorm Wind (EG 50 kt)
	07/12/07 13:30 CST		0	Source: Trained Spotter
Thunderstorm winds estimated at 60 mph downed a few 6 inch diameter tree limbs over southwest Platte county. The winds were accompanied by dime size hail.				
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<b>PLATTE COUNTY --- 6.3 SSE ROSENBERG [41.57, -97.72]</b>				
	07/12/07 13:30 CST		0	Hail (0.75 in)
	07/12/07 13:30 CST		0	Source: Trained Spotter
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<b>SAUNDERS COUNTY --- 3.0 W COLON [41.30, -96.68]</b>				
	07/12/07 14:10 CST		0	Hail (1.00 in)
	07/12/07 14:10 CST		0	Source: Public
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<b>SEWARD COUNTY --- 4.0 N UTICA [40.94, -97.33]</b>				
	07/12/07 15:20 CST		0	Hail (0.75 in)
	07/12/07 15:20 CST		0	Source: Public
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<b>SALINE COUNTY --- FRIEND [40.65, -97.28]</b>				
	07/12/07 15:50 CST		0	Thunderstorm Wind (EG 50 kt)
	07/12/07 15:50 CST		0	Source: Newspaper
Thunderstorm wind gusts estimated at around 60 mph knocked over a large tree in Friend.				
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<b>JEFFERSON COUNTY --- FAIRBURY [40.15, -97.17]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/12/07 17:07 CST		0	Thunderstorm Wind (EG 50 kt)
	07/12/07 17:07 CST		0	Source: Law Enforcement
Thunderstorm winds estimated at around 60 mph downed large tree limbs which blocked a few streets in town and fell on a few houses and vehicles.				
<b>JEFFERSON COUNTY --- 0.7 N JANSEN [40.19, -97.08]</b>				
	07/12/07 17:10 CST		0	Thunderstorm Wind (EG 50 kt)
	07/12/07 17:10 CST		0	Source: Trained Spotter
Thunderstorm wind gusts estimated at around 60 mph downed some large tree limbs in Jansen.				
<b>A slow moving cold front triggered a few severe thunderstorms across eastern Nebraska from late morning through early evening on July 12th.</b>				
<b>ANTELOPE COUNTY --- 4.1 NW CLEARWATER [42.21, -98.24]</b>				
	07/15/07 17:35 CST		0	Hail (0.75 in)
	07/15/07 17:35 CST		0	Source: Public
<b>ANTELOPE COUNTY --- 5.0 S ROYAL [42.26, -98.13]</b>				
	07/15/07 17:40 CST		0	Thunderstorm Wind (EG 65 kt)
	07/15/07 17:40 CST		0	Source: Law Enforcement
Thunderstorm wind gusts estimated at 65 to 75 mph snapped power poles south of Royal.				
<b>ANTELOPE COUNTY --- 4.8 N NELIGH [42.20, -98.03]</b>				
	07/15/07 18:00 CST		0	Hail (0.75 in)
	07/15/07 18:00 CST		0	Source: Public
The hail covered the ground and was accompanied by wind gusts that were estimated to have been at least 50 mph.				
<b>BOONE COUNTY --- 4.0 N ALBION [41.76, -98.00]</b>				
	07/15/07 18:15 CST		0	Hail (0.88 in)
	07/15/07 18:15 CST		0	Source: Public
<b>PIERCE COUNTY --- 12.0 W PIERCE [42.20, -97.76], 8.0 W PIERCE [42.20, -97.69]</b>				
	07/15/07 18:23 CST		0	Hail (1.50 in)
	07/15/07 18:23 CST		0	Source: Public
Hail up to 1.5 inches in diameter was reported 12 miles west of Pierce and corn was reported stripped by the hail about 8 miles west of town.				
<b>PIERCE COUNTY --- 7.2 SW FOSTER [42.21, -97.77]</b>				
	07/15/07 18:23 CST		0	Hail (1.50 in)
	07/15/07 18:23 CST		0	Source: Public
<b>KNOX COUNTY --- 6.0 N WAUSA [42.59, -97.53]</b>				
	07/15/07 18:27 CST		0	Hail (1.75 in)
	07/15/07 18:27 CST		0	Source: Public
<b>WAYNE COUNTY --- 2.6 SW HOSKINS [42.09, -97.34]</b>				
	07/15/07 19:01 CST		0	Thunderstorm Wind (EG 52 kt)
	07/15/07 19:01 CST		0	Source: Public
Thunderstorm wind gusts were estimated to have reached 60 mph near Hoskins.				
<b>STANTON COUNTY --- 4.0 NE STANTON [41.99, -97.17]</b>				
	07/15/07 19:07 CST		0	Hail (0.75 in)
	07/15/07 19:07 CST		0	Source: Trained Spotter
<b>CEDAR COUNTY --- 2.5 NE WYNOT [42.78, -97.14]</b>				
	07/15/07 19:43 CST		0	Hail (1.75 in)
	07/15/07 19:43 CST		0	Source: Trained Spotter

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Hail up to golfball size stripped some corn in the area.

A moderately unstable atmosphere over eastern Nebraska was in place during the afternoon of July 15 with temperatures approaching the lower 90s and dew points in the upper 60s. That instability was tapped by late afternoon by a short wave trough dropping southeast from South Dakota into central Nebraska. The disturbance pushed a weak cool front across the area.

The resultant thunderstorm complex that developed split into two areas, one moving south into south central Nebraska and the other tracking east through the northern sections of eastern Nebraska during the early to mid evening hours.

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### WAYNE COUNTY --- 0.7 N WAYNE [42.24, -97.02]

07/18/07 21:55 CST	0	Thunderstorm Wind (EG 52 kt)
07/18/07 21:55 CST	0	Source: Trained Spotter

Tree branches were blown down by thunderstorm wind gusts estimated at around 60 mph.

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### MADISON COUNTY --- NORFOLK [42.03, -97.42]

07/18/07 22:00 CST	0	Thunderstorm Wind (EG 55 kt)
07/18/07 22:00 CST	0	Source: Law Enforcement

Thunderstorm wind gusts estimated at over 60 mph blew over a few trees and several large tree limbs across town. At least one vehicle was hit by a fallen tree.

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### STANTON COUNTY --- 0.5 E STANTON [41.95, -97.22]

07/18/07 22:00 CST	0	Thunderstorm Wind (EG 52 kt)
07/18/07 22:00 CST	0	Source: Trained Spotter

A spotter reported thunderstorm wind gusts around 60 mph in the Stanton area.

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### THURSTON COUNTY --- 4.0 NW PENDER [42.16, -96.76]

07/18/07 22:05 CST	0	Thunderstorm Wind (EG 52 kt)
07/18/07 22:05 CST	0	Source: Public

Thunderstorm wind gusts estimated at 60 mph caused some minor damage to cattle sheds northwest of Pender.

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### ANTELOPE COUNTY --- 3.0 N ROYAL [42.37, -98.13]

07/18/07 22:15 CST	0	Hail (1.00 in)
07/18/07 22:15 CST	0	Source: Public

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### CUMING COUNTY --- 3.0 N WISNER [42.02, -96.93], 3.0 SE WEST PT [41.80, -96.68]

07/18/07 22:20 CST	0	Thunderstorm Wind (EG 60 kt)
07/18/07 22:40 CST	0	Source: Law Enforcement

Thunderstorm wind gusts estimated at between 70 and 75 mph downed trees and power lines in numerous locations across the county. West Point was especially hard hit with numerous trees downed causing damage to fences, vehicles and some buildings in town.

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### DODGE COUNTY --- SNYDER [41.70, -96.80]

07/18/07 22:35 CST	0	Thunderstorm Wind (EG 52 kt)
07/18/07 22:35 CST	0	Source: Newspaper

Thunderstorm winds estimated at 60 mph downed several trees around the Snyder area causing some damage to a few buildings and other structures.

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### BURT COUNTY --- 0.7 N OAKLAND [41.84, -96.47]

07/18/07 22:36 CST	0	Thunderstorm Wind (EG 52 kt)
07/18/07 22:36 CST	0	Source: Law Enforcement

A thunderstorm wind gust around 60 mph was reported in the Oakland area by local law enforcement.

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### DODGE COUNTY --- 3.0 E SCRIBNER [41.67, -96.61]

07/18/07 22:37 CST	0	Thunderstorm Wind (EG 52 kt)
07/18/07 22:37 CST	0	Source: Public

Thunderstorm wind gusts of around 60 mph flattened some corn east of Scribner and knocked over or uprooted a few trees around the area.

## Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>WASHINGTON COUNTY --- 1.0 W HERMAN [41.67, -96.52]</b>				
	07/18/07 22:55 CST		0	Thunderstorm Wind (EG 52 kt)
	07/18/07 22:55 CST		0	Source: Public
The public estimated thunderstorm wind gusts around 60 mph near Herman.				
<b>BURT COUNTY --- TEKAMAH ARPT [41.77, -96.18]</b>				
	07/18/07 22:56 CST		0	Thunderstorm Wind (MG 54 kt)
	07/18/07 22:56 CST		0	Source: Official NWS Observations
A thunderstorm wind gust of 62 mph was measured by ASOS at the Tekamah airport.				
<b>WASHINGTON COUNTY --- 1.0 W FT CALHOUN [41.47, -96.05]</b>				
	07/18/07 23:15 CST		0	Thunderstorm Wind (EG 50 kt)
	07/18/07 23:15 CST		0	Source: Public
Thunderstorm winds estimated at 60 mph blew the walls down on a house under construction.				
<b>Outflow from convection north of the region earlier in the day helped to push a cold front across eastern Nebraska and western Iowa during the late evening and early morning hours of July 18th and 19th. A complex of severe thunderstorms along this boundary pushed across the region. The storms produced areas of damaging winds.</b>				
<b>BUTLER COUNTY --- 1.0 NE OCTAVIA [41.36, -97.04]</b>				
	07/27/07 00:00 CST		0	Thunderstorm Wind (EG 55 kt)
	07/27/07 00:00 CST		0	Source: Law Enforcement
Thunderstorm winds estimated at over 60 mph blew a few trees down across a county road near Octavia.				
<b>SAUNDERS COUNTY --- 4.3 SSW PRAGUE [41.26, -96.85], PRAGUE [41.32, -96.82]</b>				
	07/27/07 00:02 CST		0	Thunderstorm Wind (EG 65 kt)
	07/27/07 00:15 CST		0	Source: Trained Spotter
Thunderstorm wind gusts estimated as high as 75 mph blew entire trees down and caused damage to a house and garage southwest of Prague and knocked down several tree limbs 8 inches in diameter in Prague.				
<b>SAUNDERS COUNTY --- WAHOO [41.22, -96.62]</b>				
	07/27/07 00:20 CST		0	Thunderstorm Wind (EG 50 kt)
	07/27/07 00:20 CST		0	Source: Law Enforcement
Thunderstorm winds estimated at around 60 mph blew a large tree limb onto a power line in town.				
<b>DOUGLAS COUNTY --- 0.9 SW OMAHA [41.26, -96.01]</b>				
	07/27/07 01:15 CST		0	Thunderstorm Wind (EG 50 kt)
	07/27/07 01:15 CST		0	Source: Broadcast Media
Thunderstorm winds gusts possibly as high as 60 mph knocked down several large tree limbs in midtown Omaha and also knocked out the power to parts of the Dundee area and other areas of midtown Omaha. A little over 4000 OPPD customers lost power for a while from this storm.				
<b>Thunderstorms that developed along a weak slow moving cold front produced isolated wind damage across parts of eastern Nebraska during the very early morning hours of July 27th.</b>				